



texture mapping with hard constraints

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[www.Medstat.com/Decisio](#)**1 Feature matching and deformation for texture synthesis**

Qing Wu, Yizhou Yu

August 2004 **SIGGRAPH '04: ACM SIGGRAPH 2004 Papers****Publisher:** ACMAdditional Information: [full citation](#),[abstract](#),  
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One significant problem in patch-based texture synthesis is the presence of broken features at the boundary of adjacent patches. The reason is that optimization schemes for patch merging may fail when neighborhood search cannot find satisfactory candidates ...

**Keywords:** Distance Transforms, Image Registration, Oriented Features, Texture Warping

**2 Hardware accelerated per-pixel displacement mapping**

Johannes Hirche, Alexander Ehlert, Stefan Guthe, Michael Doggett

May 2004 **GI '04: Proceedings of Graphics Interface 2004****Publisher:** Canadian Human-Computer Communications SocietyFull text available: pdf(308.64 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

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**3 Level-of-detail volume rendering via 3D textures**

Manfred Weiler, Rüdiger Westermann, Chuck Hansen, Kurt Zimmermann, Thomas Ertl

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Olivier Clément, Jocelyn Benoit, Eric Paquette

October 2007 **AFRIGRAPH '07: Proceedings of the 5th international conference**

**[PDF] Texture Mapping with Hard Constraints**

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Figure 1: **Texture mapping with hard constraints**. (a) **Texture map** with feature points marked. These should be mapped to the appropriate geometric features ...[www.cs.technion.ac.il/~gotsman/AmendedPubl/TextureMapping/TextureMapping.pdf](http://www.cs.technion.ac.il/~gotsman/AmendedPubl/TextureMapping/TextureMapping.pdf) - Similar pages**Welcome to IEEE Xplore 2.0: Texture Mapping with Hard Constraints ...**Then we apply this warping algorithm to handle **mapping texture** onto 3D meshes with **hard constraints**. The proposed algorithm is experimentally evaluated and ...[www.ieeexplore.ieee.org/xpls/abs\\_all.jsp?isnumber=4435108&](http://www.ieeexplore.ieee.org/xpls/abs_all.jsp?isnumber=4435108&)

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C.1. Source: Computer Graphics Forum, Volume 20, Number 3, ...

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S21	22	mix\$3 same (video near4 image) same (synthetic near4 image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 19:16
S22	2	S21 and @rlad <= "20020724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 19:17
S23	1	((VALENTIN) near2 (LEFEVRE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/20 19:23
S24	9	((VALENTIN) near2 (LEFEVRE)).INV.	EPO; JPO; DERWENT	OR	ON	2008/02/20 19:23
S25	2	hdm same virtual same augmented same video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:07
S26	2	hdm same virtual same augment\$3 same video	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:26
S27	0	hdm same virtual same augment\$3 same (guid\$2 near system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:26

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S28	0	hdm same virtual same augment\$3 same guid\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:27
S29	0	hdm same virtual same augment\$3 same guide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:27
S30	2	hdm same virtual same augment\$3 and (guid\$2 near system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:27
S31	0	hdm same virtual same augmented and (video near3 buffer) and memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:54
S32	1643	virtual same video and (video near3 buffer) and memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:55
S33	231	virtual same (video near3 image) and (video near3 buffer) and memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:55
S34	99	virtual same (video near3 image) and (video near3 buffer) and memory same graphic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:56

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S35	47	virtual same (video near3 image) and (video near3 buffer) and (graphic near3 memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:57
S36	5	S35 and @prad <= "20020724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:57
S37	44	ginsberg and maxwell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:11
S38	28	S37 and @rlad <= "20020724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:11
S39	2374	track\$3 same live same action	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:14
S40	11	S39 and kinematic and animation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:15
S41	55	S39 and (graphic\$2 same video same memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:24

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S42	24	S41 and @rlad <= "20020724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:24
S43	0	S39 and (graphic\$2 near3 memory) same (video near3 memory) same mix\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:35
S44	44	track\$3 same live same action and (edit\$3 same video same image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:44
S45	9	S44 and @rlad <= "20020724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:44
S46	47	(graphic\$2 near3 memory) same (video near3 memory) same mix\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:50
S47	163	(graphic\$2 near3 memory) same (video near3 memory) same (mix\$3 or blend\$3 or add\$3 or edit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:51
S48	0	S47 and track\$3 same live	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:52

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S49	61	S47 and track\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:52
S50	33	S49 and @rlad <= "20020724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:52
S51	2	("20050206583").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/21 13:08
S52	0	("5,241,391t").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/21 14:35
S53	2	("5,241,391").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/21 14:35